

1  
INTERNATIONAL SEARCH REPORT

International application No. PCT/SE 2003/002011
---

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04Q 7/38 // H04B 7/212, H04Q 7/36

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q, H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE, DK, FI, NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INVENTION, WPI DATA, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6594250 B1 (SILVENTOINEN ET AL), 15 July 2003 (15.07.2003), column 6, line 23 - line 34, abstract --	1-5,8-9, 11-16,19-20
X	WO 02096149 A1 (TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)), 28 November 2002 (28.11.2002), page 16, line 24 - page 17, line 4, abstract --	1-5,8-9, 11-16,19-20
A	US 6038238 A (JOKINEN ET AL), 14 March 2000 (14.03.2000), column 5, line 37 - column 6, line 10, abstract --	1-21

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "U" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search <b>12 July 2004</b>	Date of mailing of the international search report <b>13-07-2004</b>
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. + 46 8 666 02 86	Authorized officer <b>Åsa Rydenius/EK</b> Telephone No. + 46 8 782 25 00

## INTERNATIONAL SEARCH REPORT

International application No. PCT/SE 2003/002011
---

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 0191495 A1 (TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)), 29 November 2001 (29.11.2001), page 6, paragraph 4-page 7, paragraph 4  --	1-21
A	CRAIG, S. et al. "Efficient broadcast frequency utilization - a key to high capacity cellular networks" In: IEEE 58th VEHICULAR TECHNOLOGY CONFERENCE, 2003. VTC 2003-FALL. 2003, 6-9 Oct 2003, Vol. 2, pages 917-921, ISSN 1090-3038, INSPEC AN 7930026, section 4.A  -----	1-21

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

30/04/2004

PCT/SE 2003/002011

US	6594250	B1	15/07/2003	AU	724819	B	28/09/2000
				AU	7624996	A	03/06/1998
				EP	0956723	A	17/11/1999
				JP	2001504290	T	27/03/2001
				NO	992314	A	06/07/1999
				WO	9821909	A	22/05/1998
-----	-----	-----	-----	-----	-----	-----	-----
WO	02096149	A1	28/11/2002	AU	8278101	A	13/03/2002
				EP	1319313	A	18/06/2003
				EP	1389402	A	18/02/2004
				SE	523070	C	23/03/2004
				SE	0101793	A	22/11/2002
				US	2003112124	A	19/06/2003
-----	-----	-----	-----	-----	-----	-----	-----
US	6038238	A	14/03/2000	AU	694928	B	06/08/1998
				AU	4261896	A	21/08/1996
				CH	691648	A	31/08/2001
				CN	1092877	B	16/10/2002
				CN	1174636	A	25/02/1998
				DE	19546577	A	01/08/1996
				ES	2111482	A,B	01/03/1998
				FI	2191	U	21/11/1995
				FI	99066	B,C	13/06/1997
				FI	950419	A,V	01/08/1996
				FR	2730117	A,B	02/08/1996
				GB	2297669	A,B	07/08/1996
				GB	9525966	D	00/00/0000
				JP	10513318	T	15/12/1998
				NL	1001927	A,C	00/00/0000
				SE	506999	C	16/03/1998
				SE	9504541	A	01/08/1996
				WO	9624200	A	08/08/1996
-----	-----	-----	-----	-----	-----	-----	-----
WO	0191495	A1	29/11/2001	AU	6088801	A	03/12/2001
				AU	7977100	A	30/05/2001
				EP	1230816	A	14/08/2002
				EP	1282990	A	12/02/2003
				JP	2003515297	T	22/04/2003
				SE	516781	C	05/03/2002
				SE	0001884	D	00/00/0000
-----	-----	-----	-----	-----	-----	-----	-----